PANEL A — ECG POINTS (3% LV each)			PANEL B — % INFARCT IN 12 LV SEGS											
			LAD						RCA			LCX		
Lead	Criteria	Pts ea crit / Lead Max Pt	Ant-sept, sup						Inf			Post-lat		
			1	2	3	4	5	6	7	8	9	10	11	12
I Sup-api	Q>=30ms	1 / 2				1	1					1		
	R/Q<=1	1				2	1							
	R<=0.2mV	1												
II Inf-api	Q>=40ms	2 / 2							1	2	2			1
	Q>=30ms	1								1	1			1
AVL Sup	Q>=30ms	1 / 2				2	1							
	R/Q<=1	1				1	2							
AVF Inf	Q>=50ms	3 / 5							3	2	2	1	1	
	Q>=40ms	2							2	2	2			
	Q>=30ms	1							2	1				
	R/Q<=1	2							2	3			1	
	R/Q<=2	1							1	2				
V1 Ant	Any	1 / 2	1	2										
Post	R/S>=1	1 / 4										1	2	
deleted →	R>=50ms	2							1	1		2	1	1
deleted →	R>=40ms	1							1			1	1	
	Q&S<=0.3mV	1								1			1	1
V2 Ant	Any Q	1 / 1												
	R<=10ms	1	2	1										
	R<=0.1mV	1												
V2 Post	R/S>=1.5	1 / 4									1	1	1	
deleted →	R>=60ms	2							1	1		1	2	1
deleted →	R>=50ms	1								1		1	1	
	Q&S<=0.4mV	1											1	2
V3 Ant	Any Q	1 / 1												
	R<=20ms	1	2	1										
	R<=0.2mV	1												
	RV3<=RV1	1												
V4 Ant-	Q>=20ms	1 / 3				1	1		1					
apical	R/Q<=0.25	2				3	2		1					
	R/S<=0.25	2												
	R/Q<=0.5	1												
	R/S<=0.5	1				1	1		1					
	R<=0.6mV	1												
V5 Apicl	Q>=30ms	1 / 3				1	1		1					
	R/Q<=0.5	2				1	1		2	2				
	R/S<=0.5	2												
	R/Q<=1	1												
	R/S<=1	1				1			1	1				
	R<=0.6mV	1												
V6 Post-	Q>=30ms	1 / 3					1		1			1		
apical	R/Q<=1	2					1		2			3		
	R/S<=1	2												
	R/Q<=2	1												
	R/S<=2	1							1			2		
	R<=0.6mV	1												
TOTALS	Points->													
		%LVI>												

If > 1 criteria in bracket met, select 1 with most points
If > 1 criteria in bracket has same point, score only once
Age normalize amplitude criteria to age 50, increasing them by
1%/yr for ages 20-49 and decreasing them 1%/yr for >50 yrs.
For Females further decrease all amplitude criteria by 20% → 20%
and decrease all duration criteria by 10%

DATA TABLE I

PANEL A

PANEL B

Lead	Criteria	Pts ea crit	Lead Max Pt	L A D Ant-sept,sup	RCA Inf	L C X Post-lat
V8R Post	Q>=70ms	2		0 1 2 3 4 5	6 7 8	2 4
	Q>=60ms	1				1 2
V4R Ant	any Q	1	1	1 2		2 3 1
Add Post	R>=36ms	2				1 2
~~Delete~~	~~R/S>=4~~	~~3~~	~~4~~			2 4 3
	R/S>=2	2				1 3 2
	R/S>=1	1				1 2
V8 Post	Q>=46ms	2				3 3
	Q>=36ms	1				2 1
	R/Q>=2	2				1 3 2
	R/Q>=4	1				2 1
TOTALS	Points->					
			%LVI>			

DATA TABLE II

PANEL A ECG POINTS (3% LV each)				PANEL B % INFARCT IN 12 LV SEGS											
With RBBB		Pts ea	Lead Max	L A D Ant-sept,-sup						RCA Inf			L C X Post-lat		
Lead	Criteria	crit	Pt	1	2	3	4	5	6	7	8	9	10	11	12
I Sup-api	Q>=30ms	1					1	1					1		
	R/Q<=1	1	2					2	1						
	R<=0.2mV	1													
II Inf-api	Q>=40ms	2	2							1	2	2			1
	Q>=30ms	1									1	1			1
AVL Sup	Q>=30ms	1	2					2	1						
	R/Q<=1	1						1	2						
AVF Inf	Q>=50ms	3								3	2	2		1	1
	Q>=40ms	2								2	2	2			
	Q>=30ms	1	5								2	1			
	R/Q<=1	2									2	3			1
	R/Q<=2	1									1	2			
V1 Ant	Any Q	1	2	1	2										
Post	R/S>=1	1											1	2	
	R>=50ms	2	4							1	1		2	1	1
	R>=40ms	1								1			1	1	
Q&	S<=0.3mV	1									1			1	1
V2 Ant	Any Q	1													
	R<=10ms	1	1	2	1										
	R<=0.1mV	1													
Post	R/S>=1.5	1										1		1	1
	R>=60ms	2	4							1	1		1	2	1
	R>=50ms	1									1		1	1	
Q&	S<=0.4mV	1												1	2
V3 Ant	Any Q	1													
	R<=20ms	1	1	2	1										
	R<=0.2mV	1													
	RV3<=RV1	1													
V4 Ant-	Q>=20ms	1		1	1		1								
apical	R/Q<=0.25	2		3	2		1								
	R/S<=0.25	2													
	R/Q<=0.5	1	3												
	R/S<=0.5	1		1	1		1								
	R<=0.6mV	1													
V5 Apicl	Q>=30ms	1		1	1		1								
	R/Q<=0.5	2		1	1		2	2							
	R/S<=0.5	2													
	R/Q<=1	1	3												
	R/S<=1	1		1			1	1							
	R<=0.6mV	1													
V6 Post-	Q>=30ms	1					1			1			1		
apical	R/Q<=1	2					1			2			3		
	R/S<=1	2													
	R/Q<=2	1	3												
	R/S<=2	1								1			2		
	R<=0.6mV	1													
TOTALS	Points->		%LVI>												

If > 1 criteria in bracket met, select 1 with most points
If > 1 criterif a in bracket has same point, score only once
Age normalize amplitude criteria to age 50, increasing them by

DATA TABLE III

PANEL A ECG POINTS (3% LV each) With LAFB		Pts	Lead	PANEL B % INFARCT IN 12 LV SEGS											
				L A D						RCA			L C X		
		ea	Max	Ant-sept,-sup						Inf			Post-lat		
Lead	Criteria	crit	Pt	1	2	3	4	5	6	7	8	9	10	11	12
I Sup-api	Q>=30ms	1					1	1					1		
	R/Q<=1	1	2				2	1							
	R<=0.2mV	1													
II Inf-api	Q>=40ms	2	2							1	2	2			1
	Q>=30ms	1									1	1			1
AVL Sup	~~Q>=40ms~~	1	2				2	1							
	R/Q<=1	1					1	2							
AVF Inf	Q>=50ms	3								3	2	2		1	1
	Q>=40ms	2								2	2	2			
	Q>=30ms	1	5								2	1			
	R/Q<=1	2									2	3			1
	R/Q<=2	1									1	2			
V1 Ant	Any Q	1	2	1	2										
Post	R/S>=1	1											1	2	
	R>=50ms	2	4							1	1		2	1	1
	R>=40ms	1								1			1	1	
	Q& S<=0.3mV	1									1			1	1
V2 Ant	Any Q	1													
	R<=10ms	1	1	2	1										
	R<=0.1mV	1													
Post	R/S>=1.5	1										1		1	1
	R>=60ms	2	4							1	1		1	2	1
	R>=50ms	1									1		1	1	
	Q& S<=0.4mV	1												1	2
V3 Ant	Any Q	1													
	R<=20ms	1	1	2	1										
	R<=0.2mV	1													
	RV3<=RV1	1													
V4 Ant-	Q>=20ms	1		1	1		1								
apical	R/Q<=0.25	2		3	2		1								
	R/S<=0.25	2													
	R/Q<=0.5	1	3												
	R/S<=0.5	1		1	1		1								
	R<=0.6mV	1													
V5 Apicl	Q>=30ms	1		1	1		1								
	R/Q<=0.5	2		1	1		2	2							
	R/S<=0,5	2													
	R/Q<=1	1	3												
	R/S<=1	1		1			1	1							
	R<=0.6mV	1													
V6 Post-	Q>=30ms	1					1			1			1		
apical	R/Q<=1	2					1			2			3		
	R/S<=1	2													
	R/Q<=2	1	3												
	R/S<=2	1								1			2		
	R<=0.6mV	1													
TOTALS	Points->		%LVI>												

DATA TABLE IV

PANEL A ECG POINTS (3% LV each)				PANEL B % INFARCT IN 12 LV SEGS											
With LVH ± LAFB		Pts ea	Lead Max	L A D Ant-sept.-sup						RCA Inf			L C X Post-lat		
Lead	Criteria	crit	Pt	1	2	3	4	5	6	7	8	9	10	11	12
I Sup-api	Q>=30ms	1					1	1					1		
	R/Q<=1	1	2					2	1						
	R<=0.2mV	1													
II Inf-api	* Q>=50ms	2	2							1	2	2			1
	* Q>=40ms	1									1	1			1
AVL Sup	Q>=40ms	1	2					2	1						
	R/Q<=1	1						1	2						
AVF Inf	* Q>=60ms	3								3	2	2		1	1
	* Q>=50ms	2								2	2	2			
	* Q>=40ms	1	5								2	1			
	R/Q<=1	2									2	3			1
	R/Q<=2	1									1	2			
V1 Ant	* Any QR	1	2	1	2										
Post	R/S>=1	1											1	2	
	* R>=56ms	2	4							1	1		2	1	1
	* R>=48ms	1								1			1	1	
	Q& S<=0.3mV	1									1			1	1
V2 Ant	* Any QR	1	1	2	1										
	RV2<RV1	1													
Post	R/S>=1.5	1										1		1	1
	* R>=66ms	2	4							1	1		1	2	1
	* R>=58ms	1									1		1	1	
	Q& S<=0.4mV	1												1	2
V3 Ant	* Any QR	1													
	* R<=10ms	1	1	2	1										
	* R<=0.1mV	1													
	RV3<RV1	1													
V4 Ant-apical	Q>=20ms	1		1	1		1								
	R/Q<=0.25	2		3	2		1								
	R/S<=0.25	2													
	R/Q<=0.5	1	3												
	R/S<=0.5	1		1	1		1								
	R<=0.6mV	1													
V5 Apicl	Q>=30ms	1		1	1		1								
	R/Q<=0.5	2		1	1		2	2							
	R/S<=0,5	2													
	R/Q<=1	1	3												
	R/S<=1	1		1			1	1							
	R<=0.6mV	1													
V6 Post-apical	Q>=30ms	1					1			1			1		
	R/Q<=1	2					1			2			3		
	R/S<=1	2													
	R/Q<=2	1	3												
	R/S<=2	1								1			2		
	R<=0.6mV	1													
TOTALS	Points->		%LVI>												

DATA TABLE V

Detection Criterial Threshold:

Criteria Thresholds (in uV and ms)	Threshold	RBBB	LAFB	RVH	LVH	Points	Location	Notes
I Q Dur >=	34					2	A	1
I R/Q <=	3					2	A	
[II Q Dur >= OR	32				32	1	I	
II R/Q <=]	4					1	I	
[aVL Q >= OR	36				36	1	A	
aVL Q Dur w/ neg I aVL T >=]	32				32	1	A	
[aVF Q Dur >= OR	34				34	2	I	2
aVF Q Dur w/ neg aVF T >=]	24				24	-		3
aVF R/Q <=	1.8					1	I	
V1 Q Dur >	0					1	A	
[V1 R/S >= OR	1.6	X		X		1	P	
V1 R Dur >=]	50	X		X		1	P	
V1 Q & S <=	200	X		X		1	P	
V2 Ant Q Dur >	0				QandR	1	A	4
V2 Post R/S >=	5	X		X		1	P	
V2 Post R Dur >=	58	X		X		1	P	
V3 Q Dur >=	24					1	A	
V4 Q Dur >=	36					1	A	
[V4 R/Q <= OR	3					1	A	
V4 R/S <= OR	0.3					1	A	
V4 R Amp <=]	400				600	1	A	
V5 Q Dur >=	32					2	A	
[V5 R/Q <= OR	5					2	A	
V5 R/S <= OR	0.7				1.5	1	A	
V5 R Amp <=]	400				500	1	A	
V6 Q Dur >=	32					1	P	
V6 R/S <=	2				1.5	1	P	
[Points for 3 Inf neg Ts OR						2	I	
Points for 2 Inf neg Ts]						1	I	
Points for 2 Ant neg Ts						1	A	
Points for I,aVL neg Ts						1	A	
Points for V2T-V6T >=	600				X	1	P	
[V2R dur <= AND	20				X	-	-	
V2R+V3R dur <=]	40				X	1	A	5
[Anterior Duration <= AND	18					1	A	6
Anterior Distance <= AND	400					-	-	
Max Posterior Amplitude >=]	50					-	-	
[Superior Distance >= AND	300					1	I	7
Max Superior Amplitude >=]	100					-	-	
[Anterior/Posterior Ratio >= AND	2	X		X		1	P	8
Max Anterior Amplitude >=]	500					-	-	

NOTES:

1. aVL Q Threshold changed based on presence on negative T in aVL AND I (Tamp <= T amp Threshold).
2. aVF Q scores 2 points if II Q >= 26mS, otherwise aVF Q scores 1 point.
3. aVF Q Threshold changed based on presence on negative T in aVF (aVF T amp <=T amp Threshold).
4. With LVH present, a Q followed by an R must be present to score points (Q only does not score).
5. One point for: [V2R <= 20mS] AND [(V2R+V3R) <= 40mS].
6. One point for: [Anterior Duration <= 18] AND [Anterior Distance <= 400]
7. One point for: [Superior Distance >= 300] AND [Max Superior Amp >= 100]
8. One point for: [Max Anterior Amp >= 500] AND [(Max Anterior Amp)/Max Posterior Amp) >= 2]
9. An X indicates the criteria is disabled if the given confounder is true.

DATA TABLE VI

60 yr old male

Criteria Thresholds (in uV and ms)	∀	RBBB	LAFB	RVH	LVH
I Q Dur >=	34				
I R/Q <=	-1				
I R Amp <=	-1				
II R/Q <=	-1				
II Q Dur >=	1000				
II Q Dur >=	32				32
aVL Q >=	34				34
aVL Q Qual Dur >=	30				30
aVL R/Q <=	-1				
aVF Q Dur >=	1000				
aVF Q Dur >=	1000				
aVF Q Dur >=	34				34
aVF Q Qual Dur >=	24				24
aVF R/Q <=	-1				
aVF R/Q <=	1.8				
V1 Q Dur >	0				
V1 R/S >=	1.6	X		X	
V1 R Dur >=	1000				
V1 R Dur >=	54	X		X	
V1 Q & S <=	200	X		X	
V2 Ant Q Dur >	0				QandR
V2 Ant R Dur <=	-1				X
V2 Ant R Amp <=	-1				X
V2 Post R/S >=	5	X		X	
V2 Post R Dur >=	1000				
V2 Post R Dur >=	58	X		X	
V2 Q & S <=	-1	X		X	
V3 Q Dur >=	1000				
V3 R Dur <=	-1				
V3 R Amp <=	-1				
V3 Q Dur >=	24				
V3 R Dur <=	-1				
V3 R Amp <=	-1				
V4 Q Dur >=	1000				
V4 R/Q <=	-1				
V4 R/S <=	-1				
V4 R/Q <=	3				
V4 R/S <=	0.3				
V4 R Amp <=	-400				600
V5 Q Dur >=	34				
V5 R/Q <=	-1				
V5 R/S <=	-1				
V5 R/Q <=	5				
V5 R/S <=	0.7				1.5
V5 R Amp <=	370				500
V6 Q Dur >=	34				
V6 R/Q <=	-1				
V6 R/S <=	-1				
V6 R/Q <=	-1				
V6 R/S <=	1.8				1.5
V6 R Amp <=	-1				-1
T amp <=	-75				
Points for 3 Inf neg Ts	1				
Points for 2 Inf neg Ts	1				
Points for 2 Ant neg Ts	1				
V2R dur <=	20				
V2R+V3R dur <=	40				X
Anterior Duration <= (Ant)	15				
Superior Distance >=	450				

DATA TABLE VII

									ECG Points 3% LV each		% LV Infarct in 12 Segments											
			Confounder Adjustments								LAD						RCA			LCX		
Lead	Criteria	Nominal Threshold	RBBB	RVH	LAFB	LVH	Amp or Dur Adjustment	Notes	Pts each Crit	Lead Max Points	Ant-sept, sup 1	2	3	4	5	6	Inf 7	8	9	Post,lat 10	11	12
Lead I	Q dur >=	34mS	-	-	-	-	Yes		1	2				1	1					1		
Sup-apl	{ I R/Q <= OR	4	-	-	-	-	-		1						2	1						
	R <= }	0.15mV	-	-	-	-	Yes		1						2	1						
Lead II	{Q dur >= OR	40mS	-	-	-	50mS	Yes		2	3							2	2	2			
Inf-apl	Q dur >= OR	32mS	-	-	-	40mS	Yes		1									2	1			
	Q dur >= }	-	-	-	-	32mS	No		1									2	1			
	Ramp/Qamp <=	4	-	-	-	-	-		1								2	1				
Lead aVL	{Q dur >= OR	32mS	-	-	40mS	40mS	Yes		1	2				1	2							
Sup	Q dur >= OR	-	-	-	36mS	36mS	No		1					1	2							
	Qdur >= xx w/ neg I&aVL T }	32mS	-	-	32mS	32mS	No		1					1	2							
	Ramp/Qamp <=	1	-	-	-	-	-		1						1	2						
Lead aVF	{ Q >= OR	50mS	-	-	-	60mS	Yes		3	5							3	2	2		1	1
Inf-apl	Q >= OR	42mS	-	-	-	50mS	Yes		2								2	2	2			
	Q >= OR	34mS	-	-	-	40mS	Yes		1									2	1			
	Q >= OR	-	-	-	-	34mS	No		1									2	1			
	Qdur >= xx w/ neg aVF T }	24mS	-	-	-	24mS	No		1									2	1			
	{ Ramp/Qamp <= OR	1	-	-	-	-	-		2									2	3			1
	Ramp/Qamp <= 1 }	2	-	-	-	-	-		1									1	2			
Prominent Initial Superior Forces Inf	[Supior Distance >= AND Maximum Superior Amplitude >=]	300 100	- -	- -	- -	- -		1	1	1								2	1			
Lead V1	Q dur >= (any Q)	0mS	-	-	-	X	-	2	1	1		1	2									
Ant	Q dur >= AND R dur >= (any QR)	X	-	-	-	0mS	-	2	1			1	2									
Post	Ramp/Samp >=	1.3	X	X	-	-	-		1	2										1	2	
	{ (Qamp AND Samp) <= OR	0.15mV	X	X	-	-	Yes		1										1		1	1
	(Qamp AND Samp) <= }	0.20mV	X	X	-	-	No		1										1		1	1
Post 12L scoring	{R dur >= OR	56mS	X	X	-	-	Yes	3	2	2								1		2	1	1
	R dur >= }	46mS	X	X	-	-	Yes		1									1		1	1	
Post 15L scoring	{R dur >= OR	56mS	X	X	-	-	Yes	3	1	1								1		2	1	1
	R dur >= }	50mS	X	X	-	-	No		1									1		1	1	
Lead V2	{Q dur >= (any Q) OR	0mS	-	-	-	X	-	2	1	1	1	1	1									
Ant	R dur <=	10mS	-	-	-	X	Yes		1		1	1	1									
	R amp <= }	0.04mV	-	-	-	X	Yes		1		1	1	1									
	Q dur >= AND R dur >= (any QR)	X	-	-	-	0mS	-		1		1	1	1									
Post	Ramp/Samp >=	3	X	X	-	-	-		1	2									1		1	1
	(Qamp AND Samp) <=	0.30mV	X	X	-	-	Yes		1												1	2
Post 12L scoring	{R dur >= OR	64mS	X	X	-	-	Yes	3	2	2						1		1		1	1	2
	R dur >= }	56mS	X	X	-	-	Yes		1									1		1	1	
Post 15L scoring	{R dur >= OR	64mS	X	X	-	-	Yes	3	1	1								1		1	1	
	R dur >= }	58mS	X	X	-	-	No		1									1		1	1	
Prominent	[Anterio/Posterior Ratio >= AND	2	X	X	-	-		4	1	1									1		1	1

DATA TABLE VIII

Anterior Forces Post	Maximum Anterior Amplitude >=]	500	-	-	-	-									
V2T - V6T Post	(V2 Tamp - V6 Tamp) >=	0.60mV	-	-	-	X		5	1	1				1	1 1
Lead V3	{Q dur >= OR	34mS	-	-	-	-	Yes		2	2	2 2 1		1		
Ant	R amp <= OR	.040mV	-	-	-	-	Yes		2		2 2 1		1		
	Q dur >= OR	26mS	-	-	-	-	Yes		1		1 1		1		
	R amp <= OR	.070mV	-	-	-	-	Yes		1		1 1		1		
	Q dur >= }	24mS	-	-	-	-	No		1		1 1		1		
Minimal Initial	[Anterior Duration <= AND	18	-	-	-	-		6	1	1	1 1 1				
Anterior Forces	Anterior Distance <= AND	400	-	-	-	-									
Ant	Maximum Posterior Amplitude >=]	50	-	-	-	-									
V2R+V3R dur	[V2R<=20mS AND	20mS	-	-	-	X		7	1	1	1 1 1				
Ant	(V2R dur +V3R dur) <=]	40mS	-	-	-	X									
Lead V4	Q dur >=	26mS	-	-	-	-	Yes		1	3	2 1				
Ant-apical	{ Ramp/Qamp <= OR	2	-	-	-	-	-		2		2 1	2	1		
	Ramp/Samp <= OR	0.25	-	-	-	-	-		2		2 1	2	1		
	Ramp/Qamp <= OR	4	-	-	-	-	-		1		2	1			
	Ramp/Samp <= OR	0.5	-	-	-	-	-		1		2	1			
	R amp <= OR	0.35mV	-	-	-	0.6mV	Yes		1		2	1			
	R amp <= }	0.4mV	-	-	-	0.6mV	No		1		2	1			
Lead V5	Q dur >=	32mS	-	-	-	-	Yes		1	3	1 1	1			
Apical	{ Ramp/Qamp <= OR	2.5	-	-	-	-	-		2		1 1	2 2			
	Ramp/Samp <= OR	0.35	-	-	-	0.75	-		2		1 1	2 2			
	Ramp/Qamp <= OR	5	-	-	-	-	-		1		1	1 1			
	Ramp/Samp <= OR	0.7	-	-	-	1.5	-		1		1	1 1			
	R amp <= OR	0.45mV	-	-	-	0.60mV	Yes		1		1	1 1			
	R amp <= }	0.45mV	-	-	-	0.50mV	No		1		1	1 1			
Lead V6	Q dur >=	32mS	-	-	-	-	Yes		1	3		1		2	
Post-Apical	{ Ramp/Qamp <= OR	1.8	-	-	-	-	-		2			1	1	2 2	
	Ramp/Samp <= OR	1	-	-	-	0.75	-		2			1	1	2 2	
	Ramp/Qamp <= OR	3.6	-	-	-	-	-		1					2 1	
	Ramp/Samp <= OR	2	-	-	-	1.5	-		1					2 1	
	R amp <= }	0.45mV	-	-	-	0.60mV	Yes		1					2 1	
Lead V8 Post 15L scoring	R amp <=	0.175mV	X	X	-	-	Yes	2	1	1				1	1 1
Lead Cz Post 15L scoring	Q dur <=	58mS	X	X	-	-	Yes	2	1	1				1	1 1

RED: Set's limits on the allowable RAG adjustment range for the given criteria.
GREEN: Prominent Initial Superior Forces only score in no Q detected in leads II or aVF.
BLUE: Prominent Anterior Forces - only score if no Posterior points in V1 or V2 detected.
V2 Tamp - V6 Tamp - only score if no Posterior points detected in V1 and V2 and Prominent Anterior Forces are not detected.
PURPLE: Minimal Initial Anterior Forces - only score if (V2 R amp <=, V2 R dur <=; V3 R amp <=) are not detected.
V2R+V3R duration - only score if (V2 R amp <=, V2 R dur <=; V3 R amp <=; Minimal Initial Anterior Forces) are not detected.

DATA TABLE IX

Scoring Table for Sizing and Locating

How to Read the Table:
1. A 'Yes' in the 'Amp or Dur Adjustments' column indicates the Nominal Threshold is adjusted for race, age, and gender (see adjustment instructions below).
2. Change threshold if a Confounder is detected and a new threshold value is indicated in the Confounder Column.
3. An 'X' indicates the criteria is ignored if the Confounder is True. Example: V1 R/S is not scored if RBBB is detected.
4. A '-' indicates no change in criteria if the Confounder is True.
5. The { } symbol indicates an OR function. Once a criteria in an OR function is met, score the appropriate points, then skip the subsequent tests in the OR brackets.
6. The [ ] symbol indicates the AND function. All criteria inside the AND function must be met to score points.

Adjustments for Race, Age, and Gender:
Some amplitude and duration criteria thresholds are adjusted for Race, Age and Gender. No criteria adjustments are made to ratio criteria (Ramp/Qamp or Ramp/Samp). Refer to the column labeled "Amp or Dur Adjustment" to determine whether an individual criteria should undergo amplitude or duration adjustments.

Amplitude Adjust:	Age:	Normalize to 50 years. Threshold = Nominal Threshold * (1 + (50-patient age)/100)
	Gender:	Male, No adjustment;
		Female: Reduce Threshold by 20% (multiply threshold by 0.8)
	Race:	Black: Increase threshold by 120%
		All others: No adjustments
Duration Adjust:	Gender:	Male, No adjustment;
		Female: Reduce Threshold 10% (multiply threshold by 0.9)

Notes: (Refer to Table, Column heading "Notes"
1. Score points for "Prominent Initial Superior Forces" only when **none** of the following Criteria are met:
   II Q >=; aVF Q >=
2. Score one point for any Q unless LVH is present. If LVH detected, then 1 point scored for a Q followed by an R (Q or R only does not score)
3. Score 12 lead criteria for 12 lead ECG; Score 15 lead criterial for 15 lead ECG
4. Score points for "Prominent Anterior Forces" only when **none** of the following Criteria are met:
   V1 R/S >=; V1 R dur >=; V1 Q&S <=; V2 R/S >=; V2 R dur >=; V2 Q&S <=; CZ Q dur >=; V8 R amp <=
5. Score points for "V2 Tamp - V6 Tamp >=" only when **none** of the following Criteria are met:
   V1 R/S >=; V1 R dur >=; V1 Q&S <=; V2 R/S >=; V2 R dur >=; V2 Q&S <=; CZ Q dur >=; V8 R amp <=; Prominent Anterior Forces
6. Score points for "Minimal Initial Anterior Forces" only when **none** of the following Criteria are met:
   V2 Any Q; V2 R dur <=; V2 R amp <=; V3 R amp <=
7. Score points for "V2R dur + V3Rdur >=40mS" only when **none** of the following Criteria are met:
   V2 Any Q; V2 R dur <=; V2 R amp <=; V3 R amp <=; Minimal Initial Anterior Forces

DATA TABLE X

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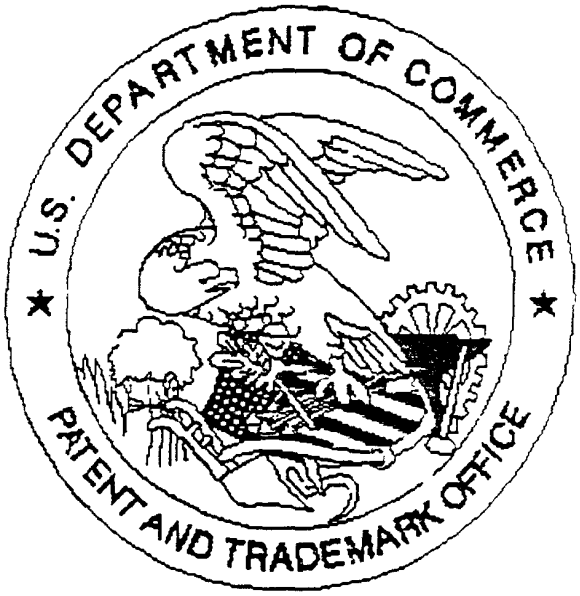

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